IN THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Recitation of pending claims.

1.   (PREVIOUSLY PRESENTED) A character recognition device to recognize characters in a captured text image, comprising:

a multiple recognition unit to perform character recognition of the text image using at least two different character recognition algorithms, each algorithm producing its own recognized characters from the same text image, where the recognized characters of the respective algorithms are non-coinciding for some corresponding same locations of the text image and coincide for other corresponding same locations of the text image;

an extraction unit extracting the locations corresponding to the non-coinciding characters recognized by the respective recognition algorithms; and

an output unit designating the locations of non-coinciding results extracted by the extraction unit and outputting character recognition results for the text image.

2.   (PREVIOUSLY PRESENTED) A character recognition device to recognize characters in a captured text image, comprising:

a first recognition unit to recognize the characters in the text image using a first character recognition algorithm;

a second recognition unit to recognize the characters in the text image using a second character recognition algorithm different from the first character recognition algorithm, where each character recognition algorithm produces its own recognized characters from the same text image and where the recognized characters of the respective algorithms are non-coinciding for some corresponding same locations of the text image and coincide for other corresponding same locations of the text image;

an extraction unit extracting the locations of recognized characters in the text image

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wherein the recognition results of the first recognition unit do not coincide with the recognition results of the second recognition program; and

an output unit outputting character recognition results designating the non-coinciding locations extracted by the extraction program.

3.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 1, wherein the output unit contrasts the text image and the character recognition results.

4.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 2, wherein the output unit contrasts the text image and the character recognition results.

5.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 1, further comprising:

a display having a display screen to display character recognition results,

wherein the output unit contrasts the text image and the character recognition results while displaying the character recognition results on the display screen, and displays a cursor in a display area of the character recognition results while displaying the text image in a format that designates the location of the text image coordinated at the position of the cursor.

6.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 2, further comprising:

a display having a display screen to display character recognition results,

wherein the output unit contrasts the text image and the character recognition results while displaying the character recognition results on the display screen, and displays a cursor in a display area of the character recognition results while displaying the text image in a format that designates the location of the text image coordinated at the position of the cursor.

7.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 1, further comprising:

an output unit outputting a symbol or a blank to display locations that do not coincide instead of the recognized characters.

8.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim

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2, further comprising:

an output unit outputting a symbol or a blank to display locations that do not coincide instead of the recognized characters.

9.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 1, further comprising:

an output unit outputting the recognized characters with a high evaluation value for the non-coinciding locations that have the same number of recognized characters in an output format that is different from the output format of the non-coinciding locations.

10.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 2, further comprising:

an output unit outputting the recognized characters with a high evaluation value for the non-coinciding locations that have the same number of recognized characters in an output format that is different from the output format of the non-coinciding locations.

11.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 1, further comprising:

an output unit outputting the recognized characters of the non-coinciding locations selected using a prescribed standard for the non-coincident locations with a different number of recognized characters in a format that is different from the output format for the non-coinciding locations.

12.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 2, further comprising:

an output unit outputting the recognized characters of the non-coinciding locations selected using a prescribed standard for the non-coincident locations with a different number of recognized characters in a format that is different from the output format for the non-coinciding locations.

13.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 1, further comprising:

an output unit outputting in a format indicating that the recognition results coincide but

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have a low recognition reliability.

14.   (PREVIOUSLY PRESENTED) A character recognition device as recited in claim 2, further comprising:

an output unit outputting in a format indicating that the recognition results coincide but have a low recognition reliability.

15.   (PREVIOUSLY PRESENTED) A character recognition method to recognize characters in a captured text image, comprising:

recognizing characters in the text image using a prescribed character recognition algorithm;

recognizing characters in the text image using a character recognition algorithm different from the prescribed character recognition algorithm, where each character recognition algorithm produces its own recognized characters from the same text image and where the recognized characters of the respective algorithms are non-coinciding for some corresponding same locations of the text image and coincide for other corresponding same locations of the text image;

extracting the locations corresponding to the non-coinciding recognition results of the character recognition using the prescribed character recognition algorithm and the recognition results of the character recognition algorithm different from the prescribed character recognition algorithm; and

designating the locations of non-coinciding results and outputting the recognition results of the characters in the text image.

16.   (PREVIOUSLY PRESENTED) A computer readable medium encoded with processing instructions for implementing a character recognition method of recognizing characters in a captured text image, the character recognition algorithm comprising:

recognizing characters in the text image using a prescribed character recognition algorithm;

recognizing characters in the text image using a prescribed character recognition algorithm different from the prescribed character recognition algorithm, where each character recognition algorithm produces its own recognized characters from the same text image and where the recognized characters of the respective algorithms are non-coinciding for some

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corresponding same locations of the text image and coincide for other corresponding same locations of the text image;

extracting the locations corresponding to the non-coinciding recognition results of the character recognition using the prescribed character recognition algorithm and the recognition results of the character recognition algorithm different from the prescribed character recognition algorithm; and

designating the locations of non-coinciding results and outputting the recognition results of the characters in the text image.

17.   (PREVIOUSLY PRESENTED) A method for recognizing characters in a captured text image, the method comprising:

providing a first character recognition algorithm and a second character recognition algorithm, where each character recognition outputs its own recognized characters, and where the character recognition algorithms are capable of recognizing same character-images as different recognized characters;

outputting recognized characters by performing character recognition on the captured text image with each character recognition algorithm; and

identifying areas of the text of the captured image based on discrepancies between respective outputs of the character recognition algorithms that correspond to the areas.

18.   (PREVIOUSLY PRESENTED) A method according to claim 17, further comprising: when a user is editing text of the text image location, directing the editing to the identified areas.

19.   (PREVIOUSLY PRESENTED) A method according to claim 17, further comprising: when displaying recognized text of the text image, distinguishably displaying the identified areas.

20.   (PREVIOUSLY PRESENTED) A method according to claim 19, further comprising: when displaying recognized text of the text image, displaying characters in the identified areas based on which recognition algorithm had a highest recognition evaluation for the respective characters.

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